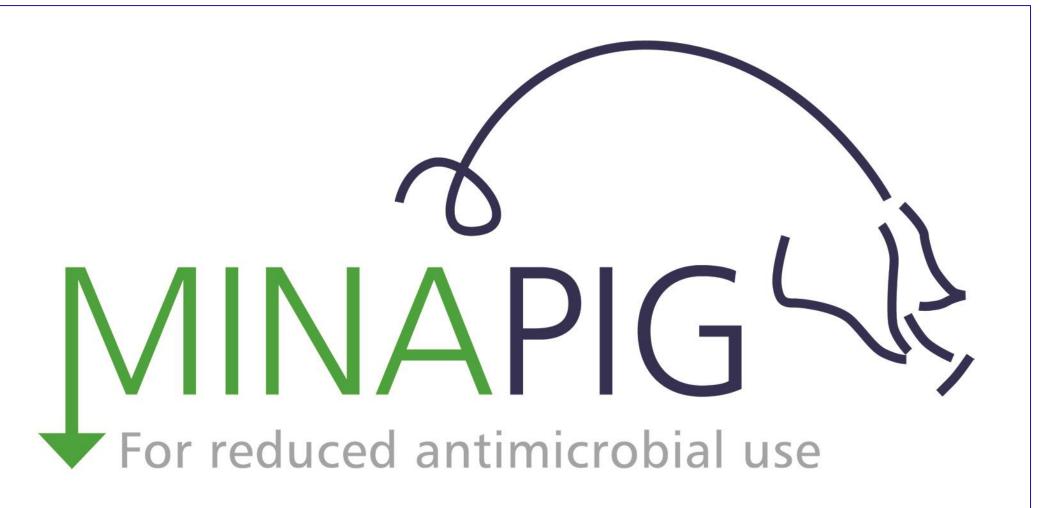
Associations between biosecurity level and production and management characteristics in pig production in four EU countries



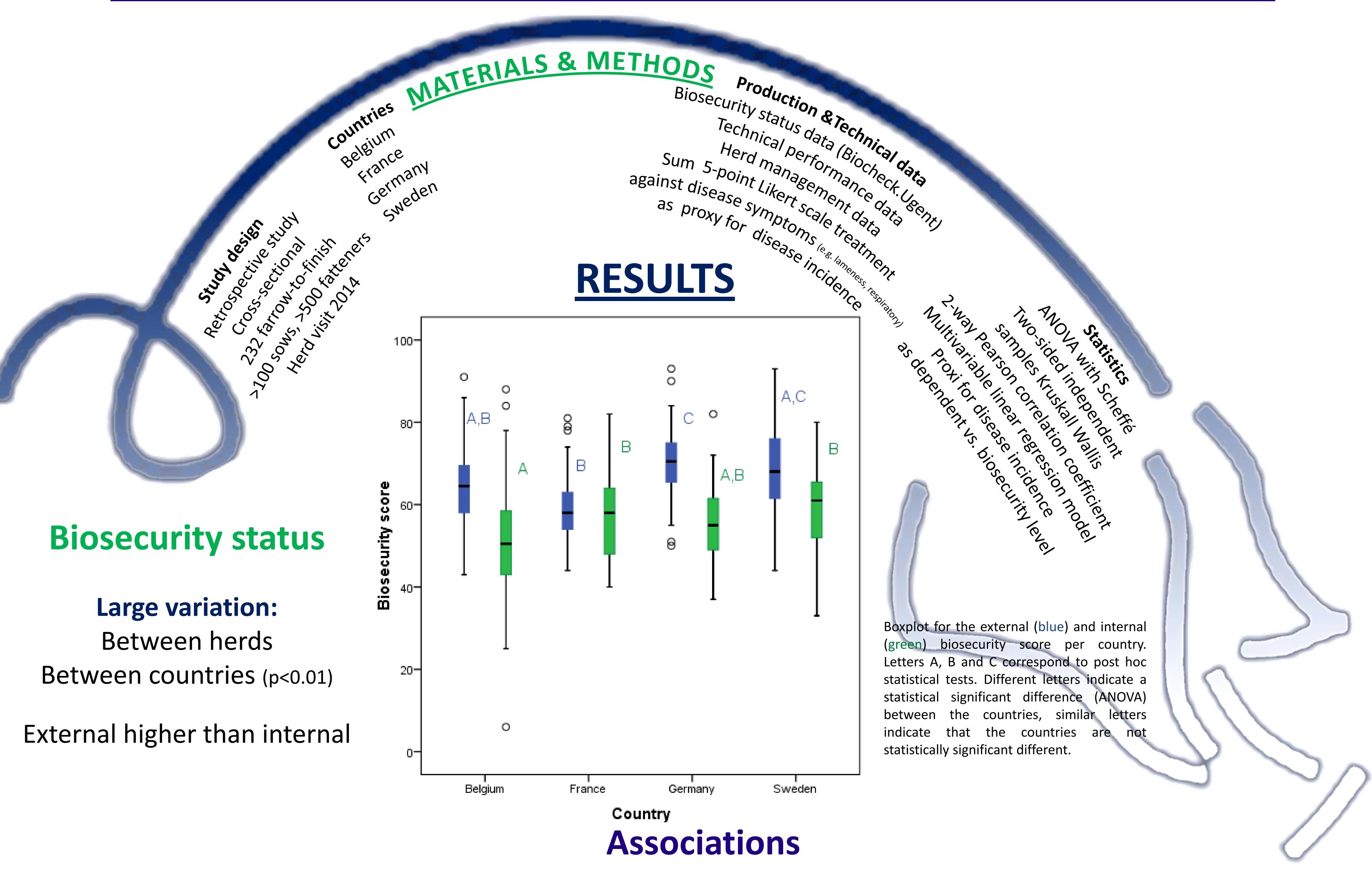
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HYPOTHESIS: BIOSECURITY MEASURES \rightarrow DISEASE PREVENTION \rightarrow IMPROVED HEALTH STATUS → REDUCED NECESSITY ANTIMICROBIALS

RESEARCH QUESTIONS:

SIMILAR LEVEL OF IMPLEMENTATION OF BIOSECURITY IN 4 EU COUNTRIES? WHICH ASSOCIATIONS ARE THERE BETWEEN BIOSECURITY AND FARM CHARACTERISTICS?



Higher internal & external biosecurity: Larger herd size (p< 0.05), Higher daily weight gain (p< 0.05) Higher biosecurity: Lower score treatment against certain symptoms as proxy for disease incidence (p< 0.05)

CONCLUSION

Substantial room for improved biosecurity status pig herds External biosecurity scores higher than internal biosecurity Larger herds – better structured? – higher biosecurity Higher biosecurity – healthier animals? – better daily weight gain



Follow up & Stay in touch

MINAPIG consortium will investigate alternatives to antimicrobials in depth and implement them in field studies. If you would like to receive updates on MINAPIG research, please visit www.minapig.eu